

Product Description



The fibers, 250um, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water resistant filling compound. A steel wire, sometimes sheathed with PE for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (and fillers) are stranded around the strength member into a compact and circular cable core. An Aluminum Polyethylene Laminated (APL) is applied around the cable core, which is filled with the filling compound to protect it from water ingress. Then the cable core is covered with a thin PE inner sheath. After the PSP is longitudinally applied over the inner sheath, the cable is completed with a PE outer sheath.

Standard: YD/T 901-2001, IEC60794-1

Product characteristics

1. 2~228 fibers, jelly filled, fiber contained loose tubes
2. Good mechanical and temperature performance

3. High strength loose tube that is hydrolysis resistant
4. Special tube filling compound ensure a critical protection of fiber
5. Specially designed compact structure is good at preventing loose tubes from shrinking
6. Crush resistance and flexibility
7. PE outer sheath protects cable from ultraviolet radiation
8. Good cable watertight.

Product application

Laying modes: Aerial & direct-burial

Adopted to outdoor distribution, even the place with moisture-proof and rodent-proof requirement

Long distance and local area network communication

Product parameter (more details please email us: info@himakecable.com)

Fiber count	Cable dia.	Cable net weight	Min. bending radius (mm)		Allowable tension (N)		Max. crush loading force (N/1000mm)	
			Static state	Dynamic state	Short term	Long term	Short term	Long term
cores	(mm)	(Kg/km)						
2-24	13.3	210	12.5D	25D	3000	1000	3000	1000
26-36	13.6	220	12.5D	25D	3000	1000	3000	1000
38-60	14.1	225	12.5D	25D	3000	1000	3000	1000
62-72	14.6	255	12.5D	25D	3000	1000	3000	1000
74-96	16.2	305	12.5D	25D	3000	1000	3000	1000

Product Advantages

1. The conductor is made of Top quality optical fibers, it has Low dispersion and attenuation, ensuring a very good signal and data transmission ability.



Brand new material

- > **Smooth**
- > **Anti-UV**
- > **Long-life**

High Quality Fiber

- > **Fast**
- > **Long and stability transmission**
- > **Low Attenuation.**



High Quality PBT Loose Tube Material

- > **Anti-aging**
- > **Good Protection**

ADVANCED PRODUCTION EQUIPMENT

Advanced Production Equipments can guarantee qualified product.



Optic Fiber Cable Testing

- Fiber Testing
- Testing after fiber coloring
- Testing after fiber stranding
- Testing after fiber optic cable jacketing



APPLICATION



✓ Pipeline



✓ Overhead



✓ Direct bury

Packaging & Shipping

PACKING AND SHIPPING



- Each single length of cable shall be reeled on wooden Drum suitable for long-distance shipment.